



Analytical Laboratory

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Page 1 of 5

13339 Hagers Ferry Road
Huntersville, NC 28078-7929
McGuire Nuclear Complex - MG03A2
Phone: 980-875-5245 Fax: 980-875-4349

Order Summary Report

Order Number: J10100089

Customer Name(s): Sherry Andrews, Bill Foris, John Williamson, Norman Stambaugh

Customer Address: 13225 Hagers Ferry Rd
Mail Code: MND03
Huntersville, NC 28078-8985

Lab Contact: Theron T James **Phone:** 704-875-4795

Report Authorized By: _____ **Date:** 10/21/2010
(Signature)

Program Comments:

MNS Fouling/Pond (June thru October)

Data Flags & Calculations:

Any analytical tests or individual analytes within a test flagged with an "X" or "1" indicate a deviation from the method quality system or quality control requirement. All results are reported on a dry weight basis unless otherwise noted.

Data Package:

This data package includes analytical results that are applicable only to the samples described in this narrative. An estimation of the uncertainty of measurement for the results in the report is available upon request. This report shall not be reproduced, except in full, without the written consent of the Analytical Laboratory. Please contact the Analytical laboratory with any questions. The order of individual sections within this report is as follows:

Job Summary Report, Sample Identification, Technical Validation of Data Package, Analytical Laboratory Certificate of Analysis, Analytical Laboratory QC Reports, Sub-contracted Laboratory Results, Customer Specific Data Sheets, Reports & Documentation, Customer Database Entries, Test Case Narratives, Chain of Custody (COC)

Certification:

The Analytical Laboratory holds the following State Certifications : North Carolina (DENR) Certificate #248, South Carolina (DHEC) Laboratory ID # 99005. Contact the Analytical Laboratory for definitive information about the certification status of specific methods.

Sample ID's & Descriptions:

Sample ID	Plant/Station	Collection Date and Time	Collected By	Sample Description
2010008969	MCGUIRE	04-Oct-10 5:20 PM	BEN LASTRA	1.9 10.0 M
1 Total Samples				

Technical Validation Review

Checklist:

COC and .pdf report are in agreement with sample totals and analyses (compliance programs and procedures).

☒ Yes

☐ No

All Results are less than the laboratory reporting limits.

☐ Yes

☒ No

All laboratory QA/QC requirements are acceptable.

☒ Yes

☐ No

The Vendor Laboratories have been qualified by the Analytical Laboratory

Yes

Report Sections Included:

☒ Job Summary Report

☒ Sample Identification

☒ Technical Validation of Data Package

☒ Analytical Laboratory Certificate of Analysis

☐ Analytical Laboratory QC Report

☐ Sub-contracted Laboratory Results

☐ Customer Specific Data Sheets, Reports, & Documentation

☐ Customer Database Entries

☐ Test Case Narratives

☒ Chain of Custody

☐ Electronic Data Deliverable (EDD) Sent Separately

Reviewed By: Jenny A Herman

Date: 10/19/2010

Certificate of Laboratory Analysis

This report shall not be reproduced, except in full.

Order # J10100089

Site: 1.9 10.0 M

Collection Date: 04-Oct-10 5:20 PM

Sample #: 2010008969

Matrix: OTHER

Analyte	Result	Units	Qualifiers	RDL	Method	Analysis Date/Time	Analyst
DISSOLVED METALS BY ICP							
Iron (Fe)	0.033	mg/L	0	0.01	EPA 200.7	10/5/2010 3:49:00 PM	MHH
Manganese (Mn)	0.412	mg/L	0	0.005	EPA 200.7	10/5/2010 3:49:00 PM	MHH

1. *Introduction*

PO #	Filtration (0.45 um)	↓	Filtered	↓	↓	Unfiltered						↓		
MR #	Preservative			HNO ₃			Ice	Ice				HNO ₃		
	Container Volume (mL)			500			500	1000				500		
	Container Type			HDPE			PET	PET				HDPE		

[illegible]

Customer to sign & date below				Customer, important: please indicate desired turnaround	Requested Turnaround	Total		
Relinquished By	Date/Time	Accepted By	Date/Time				3 Days <u>Fe, Mn</u> *7 Days <u>Turb, TSS</u> *Other _____ * Add. Cost Will Apply	4
Relinquished By	Date/Time	Accepted By	Date/Time					
Relinquished By	Date/Time	Accepted By	Date/Time					
Seal/Locked By	Date/Time	Sealed/Lock Opened By	Date/Time					
Comments								